## Abstract of the Disclosure:

A method of producing from a first device-dependent image data set, a second image data set matched to a real process, includes, by using inverse gamut mapping, transforming color values from the first image data set into color values of a device-independent color space and, by using gamut mapping, transforming these device-independent color values into the second image data set of an output device; and a color management method including the producing method.

HLL/tk